

DEPARTMENT OF MATHEMATICS




Five Days FDP on “Recent Trends in Fluid Dynamics”

Department of Mechanical Engineering, Department of Mathematics and Department of Civil Engineering, in association with CMTI, Bangalore have conducted a 5-day FDP on “Recent Trends in Fluid Dynamics” during November 17 – 21, 2020.



The event was a great success. 17 resource persons from five different countries shared their views on the latest trends in their respective area. 200 participants from seven states of India and two faculty/researchers from abroad registered for the event. The topics discussed in FDP range from theoretical Heat and Mass Transfer to Computational Fluid Dynamics.

Seventeen lectures were arranged during the FDP. Daily two sessions were arranged from 10:00 am to 12:00 noon & 2:30 pm – 4:30 pm. Each session was having two lectures from experts.

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SAPTHAGIRI COLLEGE OF ENGINEERING
Affiliated to VTU Belagavi, Approved by AICTE, New Delhi
ISO 9001:2015 & 14001:2015 Certified Institute
4/5, Hesarghatta Main Road, Chikkasandra, Jalahalli West, Bengaluru, Karnataka -560057

FIVE-DAY FACULTY DEVELOPMENT PROGRAM (VIRTUAL)
ON
“RECENT TRENDS IN FLUID DYNAMICS”
November 17- 21, 2020

ORGANIZED BY
DEPARTMENT OF MECHANICAL ENGINEERING, DEPARTMENT OF CIVIL ENGINEERING
DEPARTMENT OF MATHEMATICS
IN ASSOCIATION WITH
CMTI, BANGALURU



Sapthagiri College of Engineering

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ABOUT THE INSTITUTE

Sapthagiri College of Engineering (SCE), Bengaluru is the brain child of the well-known industrialist and philanthropist Sri. G Dayanand, the Chairman of the Governing Board of the College. SCE is approved by AICTE, affiliated to VTU, Belagavi.

VISION

To be a best institution imparting quality Engineering education to deal with community needs through learning and performance.

MISSION

- To implement path breaking student centric education methods
- To augment talent, nurture teamwork to transform to develop individual as responsible citizen
- To educate the students and faculties about entrepreneurship to meet vibrant requirements of the society
- Strengthen Industry-Institute Interaction for knowledge sharing

ABOUT THE DEPARTMENTS

DEPARTMENT OF MECHANICAL ENGINEERING

The department was established in 2001. The department is recognized as Research centre from VTU and offers Ph.D./M.Sc (Engineering). The department is well equipped with advanced laboratories to carry out research in the domain of metallurgy and I. C. Engines.

MoUs have been signed with industries for skill development, training programs and research for both faculties and students.

DEPARTMENT OF MATHEMATICS

The department was established in 2001. The faculty members are actively involved in research areas like Graph theory, Fluid dynamics, Topology and Pure Mathematics.

CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE (CMTI)

CMTI is a premiere R & D organization focusing on providing 'Technology Solutions' to the manufacturing sector and assisting technological growth in the country. CMTI plays a key role in applied research, design and development (R&D), technology forecasting, assimilation and dissemination of manufacturing technology to Indian industries.

ABOUT FDP

In majority of the industrial and natural processes fluid flow is an inherent aspect along with the mass and energy transport. The fluid process engineers and scientists are required to have detailed knowledge of the fluid flow along with other parameters to thoroughly understand the process. Knowledge of fluid dynamics is essential for Chemical Engineering, Mechanical Engineering, Biochemical Engineering, Petroleum Engineering, Food Processing, pharmaceutical Industries and in Applied Sciences. The main objective of the FDP is to help researchers/faculty to understand the recent trends in fluid dynamics. Experts from Industry and Academia in the area of heat transfer, nanomaterial and computational fluid dynamics are presenting the state-of-the-art in the area of fluid dynamics. Another important objective of the FDP is to provide a platform for the researchers/faculties to interact with the experts.

RESOURCE PERSONS

KEYNOTE ADDRESS

Dr Pradeep G Siddheshwar, Christ University, Bengaluru

INDIAN

Dr Amit Mahajan, NIT, Delhi

Dr Annamma Abraham, BMSIT, Bengaluru

Dr Dharmendra Tripathi, NITUK, Uttara Khand

Dr Mahabaleshwar U S, Davanagere University, Davanagere

Dr Manjunath S, BNMIT, Bengaluru

Dr Narendra Kumar M, Jyothi Institute of Technology, Bengaluru

Dr Pranesh S, Christ University, Bengaluru

Dr Ramanarasimha K, Principal, KSSEM, Bengaluru

Dr Sadashive Gowda, Principal, VVCE, Mysuru

Dr Sankar M, Presidency University, Bengaluru

Dr Verma S K, Scientist-F, Aerospace Laboratory, CMTI, Bengaluru

Dr Shripad Markande, SCE, Bengaluru

Dr Sridhar S N, Director, School of Engg, Amity University, Gurugram

FOREIGN

Dr Buddhi Sapkota, Tribhuvan University, Nepal

Dr Kanchana C, University of Tarapaca, Chile

Dr Lakshmi K M, University of Tarapaca, Chile

Dr Mahesha Narayana, University of West Indies, Jamaica

Dr Meenakshi Nerolu, Howard University, USA

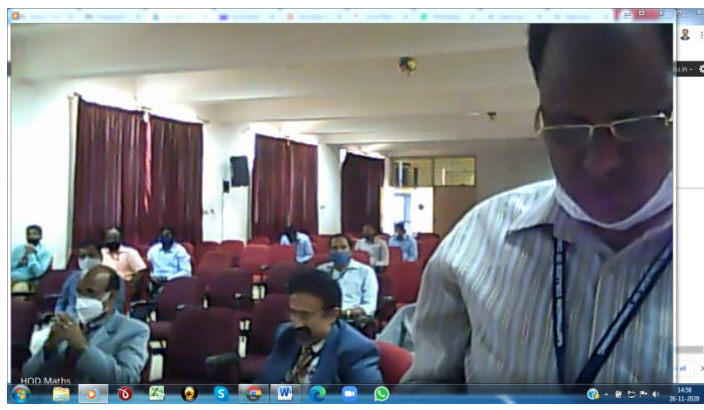
Dr Symphony Chakraborty, National Taiwan University, Taipei, Taiwan

Photos of the event

Inaugural Function



Welcome address by the Principal



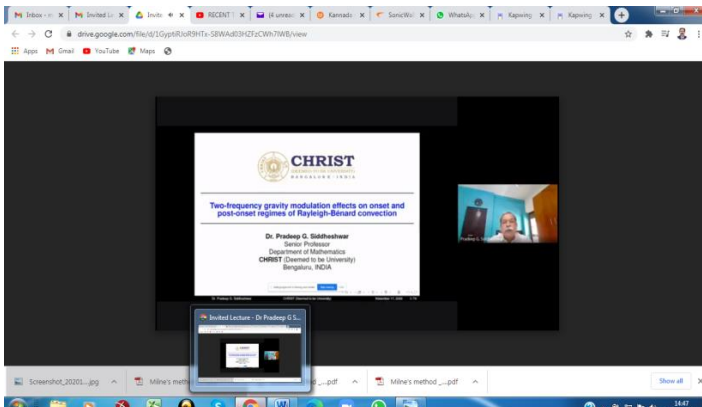
Introduction of Chief Guest



Address by the Chief Guest



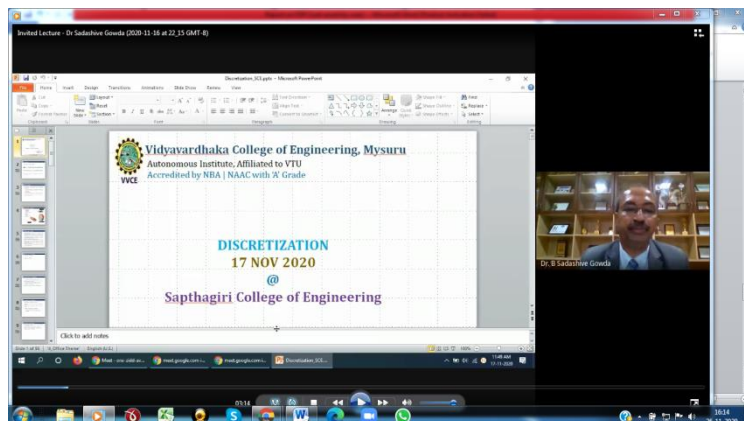
Introduction of Guest of Honor



Key Note Lecture – Dr. Pradeep G Siddheshwar

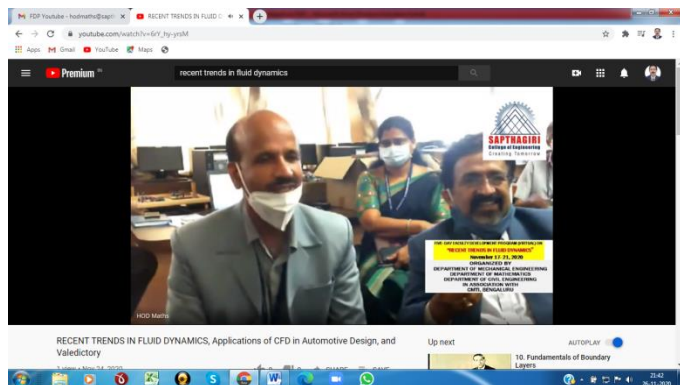


Introduction of Guest of Honor



Key Note Lecture – Dr. Sadashive Gowda

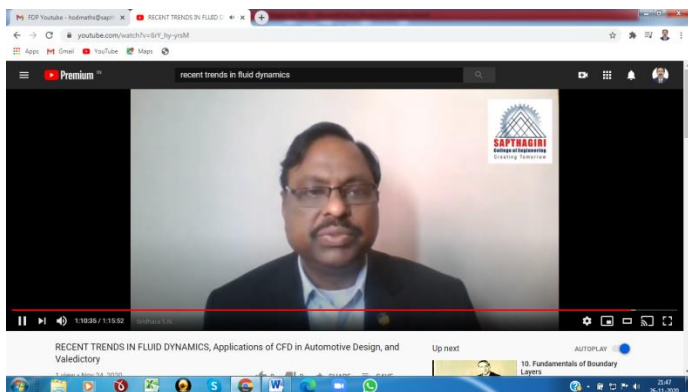
Valedictory Function:



Welcome address by the Principal



Brief about FDP



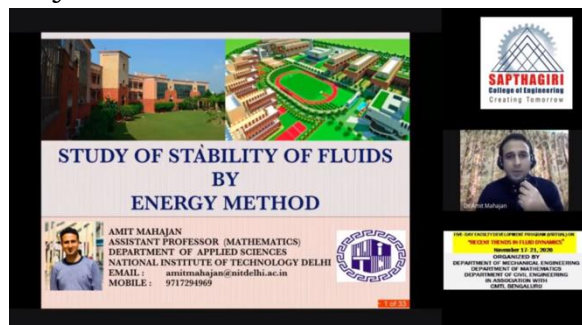
Address by the Chief Guest



Vote of Thanks

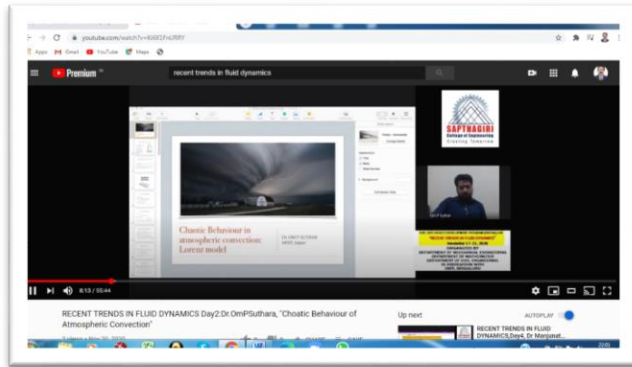
Lecture Sessions

Day1 : 17- 11 - 2020

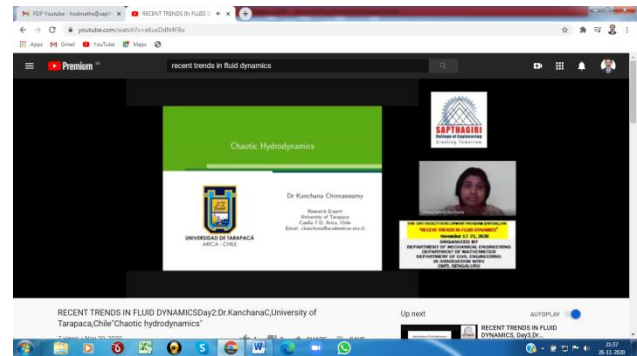


Lecture – 1 : Dr. Amit Mahajan

Day 2 : 18 – 11 – 2020



Lecture – 2 : Dr. Om P Suthara

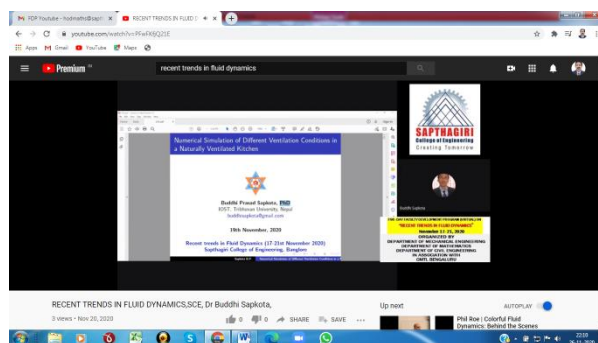


Lecture 3 : Dr. C Kanchana



Lecture – 4 : Dr. Annamma Abraham

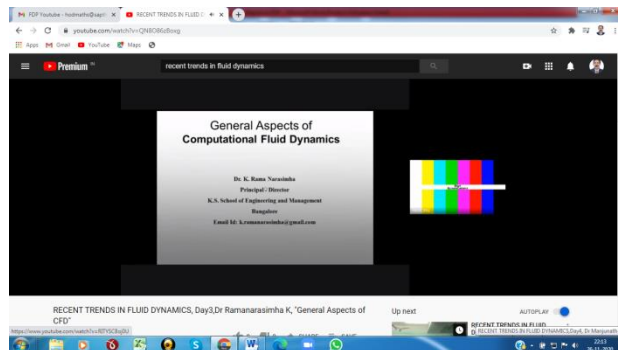
Day 3 : 19 – 11 – 2020



Lecture 5 : Dr. Buddhi Sapkota

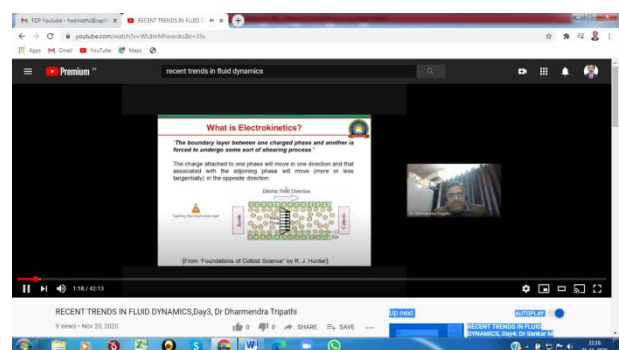


Lecture 6: Dr. Narendra Kumar

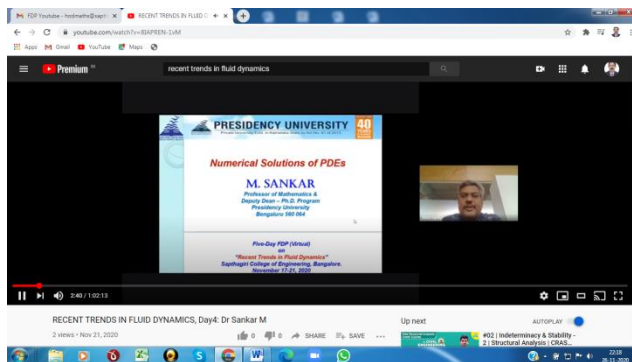


Lecture 7 : Dr. Ramanarasimha Tripathi

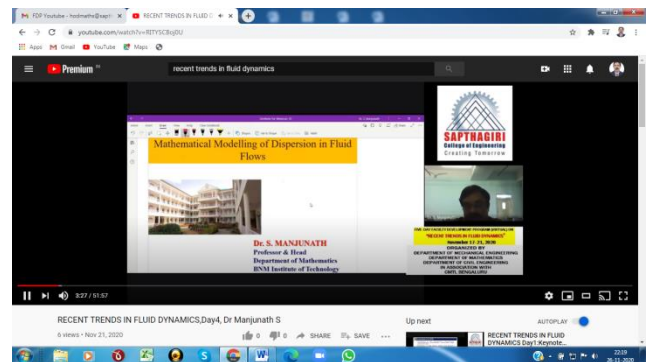
Day 4 : 20 – 11 – 2020



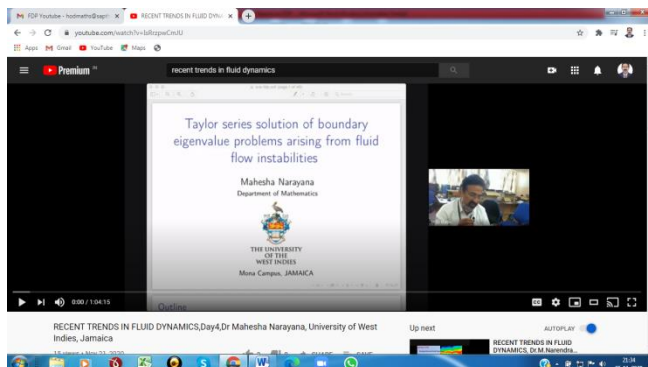
Lecture 8 : Dr. Dharmendra



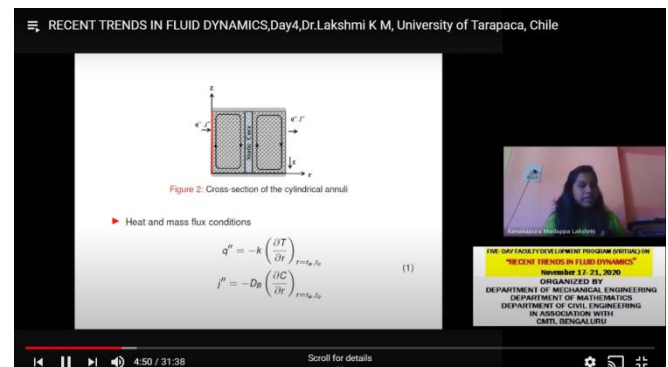
Lecture 9 : Dr. Sankar M



Lecture 10 : Dr. Manjunath S



Lecture 11 : Dr. Mahesha Narayana

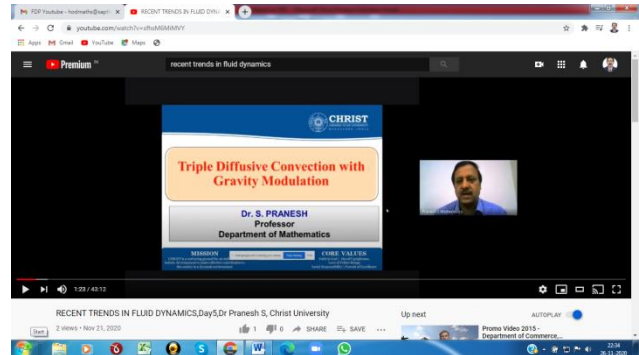


Lecture 12 : Dr. Lakshmi K M

Day 5 : 21 – 11 – 2020



Lecture 13 : Dr. Meenakshi Nerolu



Lecture 14 : Dr. S Pranesh

